

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 August 2001 (23.08.2001)

PCT

(10) International Publication Number
WO 01/60220 A1

(51) International Patent Classification: A47J 31/06.
B65D 81/00

(21) International Application Number: PCT/US01/04723

(22) International Filing Date: 14 February 2001 (14.02.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/183,569 18 February 2000 (18.02.2000) US
09/782,665 13 February 2001 (13.02.2001) US

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

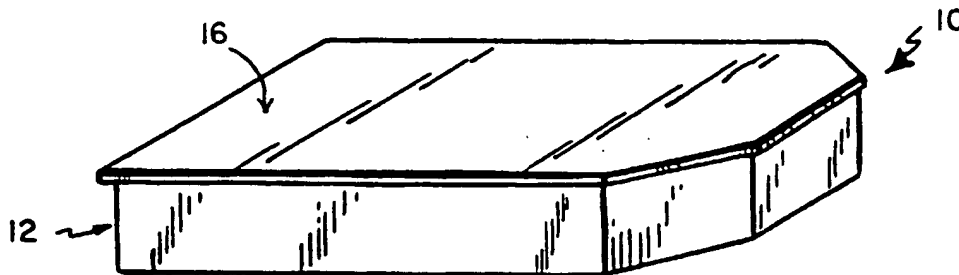
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(71) Applicant: **KEURIG, INCORPORATED** [US/US]; 101 Edgewater Drive, Wakefield, MA 01880 (US).

(72) Inventors: **LAZARIS, Nicholas, G.**; 1947 Beacon Street, Newton, MA 02468 (US). **BEAULIEU, Roderick, H.**; 196 Hines Road, Cumberland, RI 02864 (US).

(74) Agents: **GAUTHIER, Maurice, E. et al.**; Samuels, Gauthier Stevens, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).

(54) Title: DISPOSABLE SINGLE SERVE BEVERAGE FILTER CARTRIDGE



(57) Abstract: A beverage filter cartridge comprises an outer container (12) with an access opening. A filter element (14) is received in and configured and arranged to subdivide the interior of the container into first and second chambers (A, B). A beverage medium is stored in the first chamber (A). A lid (16) closes the access opening. The lid has a first section overlying the first chamber (A) and a second section overlying the second chamber (B). The first section of the lid is yieldably pierceable to accommodate an inflow of liquid into the first chamber for infusion with the beverage medium to produce a beverage. The filter element is permeable to accommodate a flow of the beverage from the first chamber into the second chamber, and the second section of the lid (16) is yieldably pierceable to accommodate an outflow of the beverage from the second chamber to the exterior of the cartridge.

BEST AVAILABLE COPY